



**NTP**  
National Toxicology Program

## **NTP Evaluation Processes: Center for the Evaluation of Risks to Human Reproduction**

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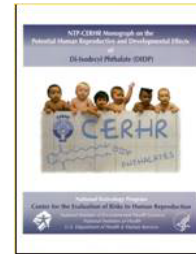
## Outline

- CERHR evaluations
- Current evaluation process
- Revised evaluation process

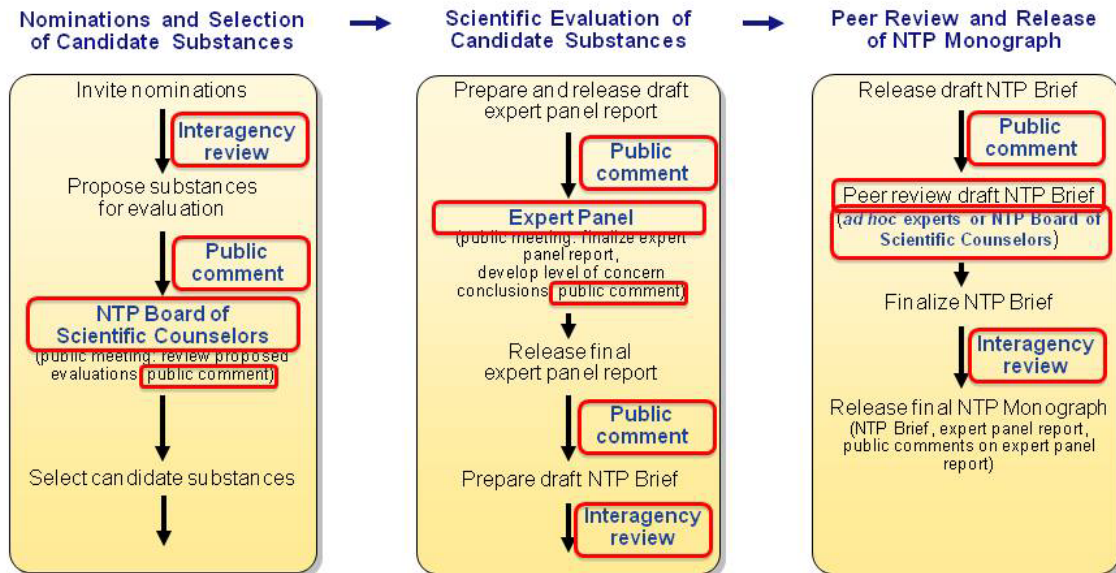


## CERHR Evaluations

- Level of concern assessments: determine potential adverse effects on reproduction and/or development caused by environmental substances at current human exposures
  - Follow established, formal process
  - 5-level scale of concern: serious concern to negligible concern
  - NTP monograph is the end product - 19 monographs on industrial chemicals, drugs, phthalates, and bisphenol A
  - Current evaluation is soy infant formula
- State of the science evaluations
  - CERHR workshop - Thyroid Toxicants: Assessing Reproductive Health Effects (April 2003)
    - Literature review: Choksi *et al.*, Birth Defects Res B 68:479-491, 2003
    - Workshop report: Jahnke *et al.*, EHP 112:363-368, 2004



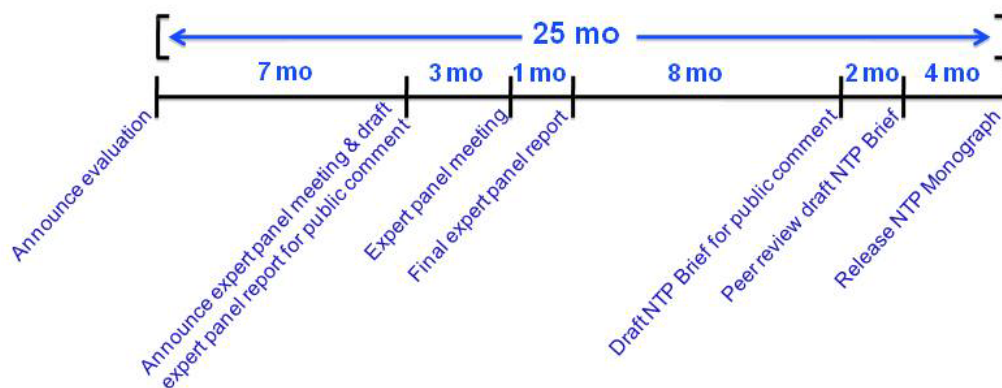
## Current CERHR Evaluation Process





## Why is CERHR revising the evaluation process?

- NTP wants flexibility to tailor scientific evaluation of candidate substances (Part 2) to fit the “evaluation’s needs”
  - Currently a set, “one-path” format with regard to ways to obtain scientific and public inputs: expert panel and public comment
- Integrate new CERHR staff into the evaluation process
- Can be time-intensive for less complicated evaluations





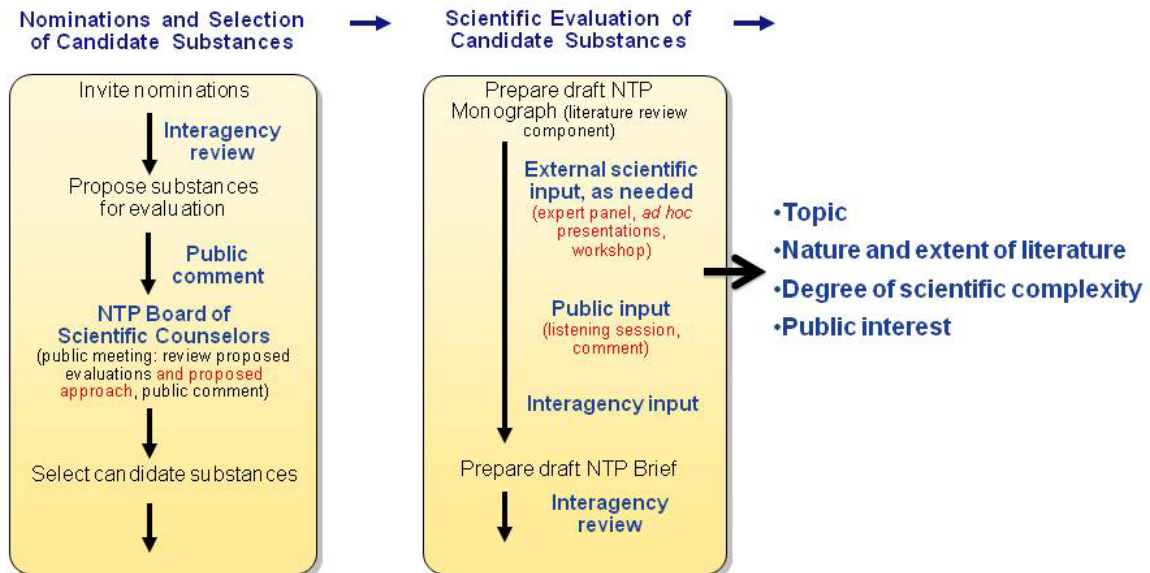
## **What elements of the evaluation process are not changed?**

- Remains as a 3-part process
- Scientific input
- Public engagement at multiple points
- Interagency input
- Peer review
- End product of evaluation is an NTP monograph containing the NTP Brief

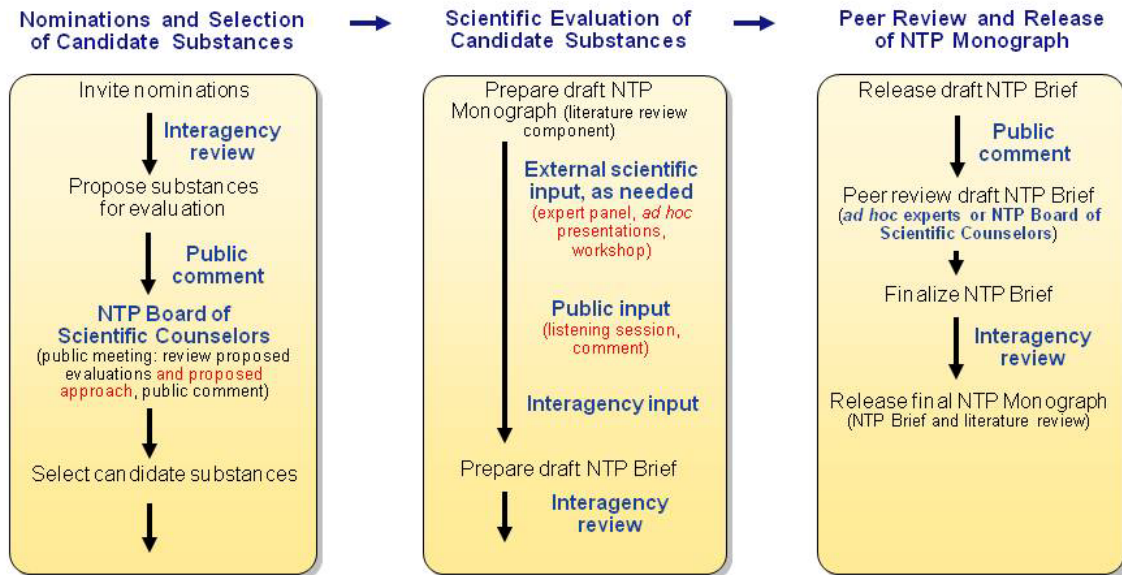
## **How is the evaluation process changed?**

- Part 1: development of concept document with proposed approach for scientific evaluation of the candidate substance
  - Seek input from the NTP Board of Scientific Counselors and public on proposed approach
- Part 2: flexibility in ways NTP might obtain scientific and public inputs in the scientific evaluation of candidate substances

## Revised CERHR Evaluation Process

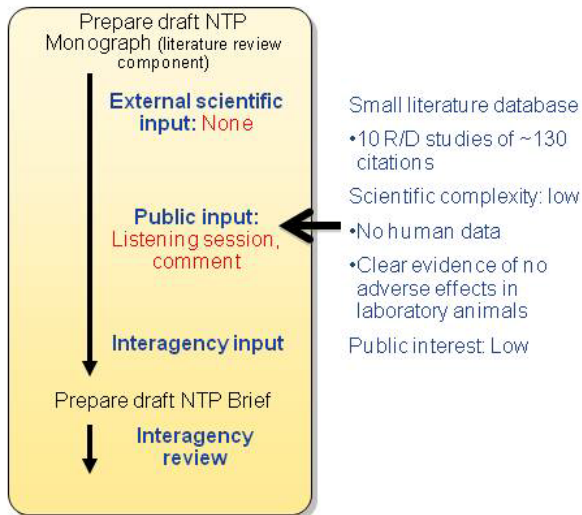


## Revised CERHR Evaluation Process

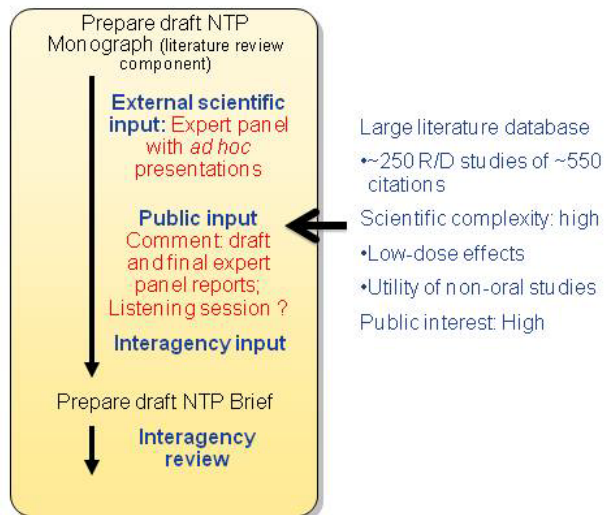


## Part 2: Scientific Evaluation of Candidate Substances

### Propylene glycol



### Bisphenol A





## **BSC Input**

Welcome comments on the revised process and suggestions on ways to make it better.